

What is claimed as being new and desired to be protected by Letters Patent of the United States is
as follows:

1. In an environment comprising a power source for powering an amplifier circuit
connected to at least one speaker for producing sound, a mosquito dispersing device
comprising means for generating a mosquito dispersing pitch pattern having a
frequency in the range of at least one of a wing beat frequency of a dragonfly and a
wing beat frequency of a damselfly, from which a signal having a frequency of the
mosquito dispersing pitch pattern can be produced for use with the amplifier circuit to
direct the at least one speaker to produce vibrations of the mosquito dispersing pitch
pattern in a dispersing area,

whereby, mosquitos in the dispersing area can be diminished by at least one of
fleeing upon sensing the vibrations of the mosquito dispersing pitch pattern and
succumbing to an increased presence of at least one of dragonflies and damselflies
attracted to the dispersing area by the vibrations of the mosquito dispersing pitch
pattern.

2. The mosquito dispersing device of claim 1, wherein the frequency of the mosquito
dispersing pitch pattern is below the ultrasonic range.

3. The mosquito dispersing device of claim 1, wherein the frequency of the mosquito
dispersing pitch pattern is in the range of about 15 to 50 hertz.

4. The mosquito dispersing device of claim 1, wherein the frequency of the mosquito dispersing pitch pattern is in the range of about 20 to 40 hertz.

5. The mosquito dispersing device of claim 1, wherein the frequency of the mosquito dispersing pitch pattern is fixed at about 33.5 hertz.

5 6. The mosquito dispersing device of claim 1, wherein the means for generating a mosquito dispersing pitch pattern includes an integral converter and the mosquito dispersing pitch pattern is generated in a digital format from a digital storage medium, and the signal having a frequency of the mosquito dispersing pitch pattern is produced by the integral converter of the mosquito dispersing device for converting the mosquito dispersing pitch pattern from digital to analog.
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7. The mosquito dispersing device of claim 6, wherein the digital storage medium has a plurality of distinct fixed frequency mosquito dispersing pitch patterns stored thereon in the range of about 20 to 40 hertz; and the device further comprises means for selecting a distinct pitch pattern from the plurality of distinct fixed frequency mosquito dispersing pitch patterns stored on the digital storage medium,
15 whereby, a user of the mosquito dispersing device can selectively choose one of the plurality of distinct fixed frequency mosquito dispersing pitch patterns to affect mosquitos of varying sensitivities.

8. The mosquito dispersing device of claim 6, wherein the digital storage medium has at least one fixed frequency mosquito dispersing pitch pattern stored thereon in the range of about 20 to 40 hertz and at least one mosquito dispersing pitch pattern having a plurality of frequencies in the range of about 20 to 40 hertz; and the device further comprises

5 means for selecting a distinct pitch pattern from the at least one fixed frequency mosquito dispersing pitch pattern in the range of about 20 to 40 hertz and the at least one mosquito dispersing pitch pattern having a plurality of frequencies in the range of about 20 to 40 hertz stored on the digital storage medium,

10 whereby, a user of the mosquito dispersing device can selectively choose one of the at least one fixed frequency mosquito dispersing pitch pattern in the range of about 20 to 40 hertz and the at least one mosquito dispersing pitch pattern having a plurality of frequencies in the range of about 20 to 40 hertz to affect mosquitos of varying sensitivities.

9. The mosquito dispersing device of claim 6, wherein digital storage medium comprises
15 one of Flash ROM, Smart Media, and compact flash.

10. The mosquito dispersing device of claim 1, further comprising an extraneous converter and wherein the mosquito dispersing pitch pattern is generated in a digital format from a digital storage medium, and the signal having a frequency of the mosquito dispersing pitch pattern is produced by the extraneous converter connected to the amplifier circuit
20 for converting the mosquito dispersing pitch pattern from digital to analog.

11. The mosquito dispersing device of claim 1, wherein the means for generating a mosquito dispersing pitch pattern comprises a pulse circuit developing a pitch pattern signal of a select frequency in the range of 20 to 40 hertz.

12. The mosquito dispersing device of claim 11, wherein the pulse circuit comprises a
5 monostable timer circuit.

13. The mosquito dispersing device of claim 12, wherein the monostable timer circuit comprises an integrated time circuit connected to an RC circuit and resistance and capacitance of the RC circuit is selected to provide the select frequency.

14. The mosquito dispersing device of claim 1, further comprising at least one speaker
10 suitably sized to be powered by the means for amplifying to cause the vibrations of the mosquito dispersing pitch pattern to radiate throughout the dispersing area.

15. A mosquito dispersing device comprising:

- (1) means for generating a mosquito dispersing pitch pattern having a frequency in the range of at least one of a wing beat frequency of a dragonfly and a wing beat frequency of a damselfly;
- (2) means for generating a signal having a frequency of the mosquito dispersing pitch pattern for use with an amplifier; and

(3) means for amplifying the signal to power at least one speaker to produce vibrations of the mosquito dispersing pitch pattern in a dispersing area, whereby, mosquitos in the dispersing area can be diminished by at least one of fleeing upon sensing the vibrations of the mosquito dispersing pitch pattern and succumbing to an increased presence of at least one of dragonflies and damselflies attracted to the dispersing area by the vibrations of the mosquito dispersing pitch pattern.

5 16. The mosquito dispersing device of claim 15, wherein the frequency in the range of at least one of a wing beat frequency of a dragonfly and a wing beat frequency of a damselfly is in the range of about 20 to 40 hertz.

10 17. A mosquito dispersing device comprising:

(1) means for generating a pitch pattern signal having a frequency in the range of at least one of a wing beat frequency of a dragonfly and a wing beat frequency of a damselfly; and

(2) means for amplifying the pitch pattern signal to power at least one speaker to replicate the vibrations of the at least one of the wing beat frequency of a dragonfly and the wing beat frequency of a damselfly in an area to effectively disperse mosquitos from the area.

15 18. The mosquito dispersing device of claim 1, wherein the means for generating a pitch pattern signal comprises:

- (1) means for storing the pitch pattern signal; and
 - (2) means for accessing the pitch pattern signal stored on the means for storing.
19. The mosquito dispersing device of claim 18, wherein the pitch pattern signal is in digital format and the means for storing is a digital storage medium; and further comprising a converter for converting the pitch pattern signal from digital to analog.
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20. A mosquito dispersing device comprising:
- (1) a housing;
 - (2) a speaker in said housing;
 - (3) a pulse circuit in the housing developing a pulse signal of a select frequency in the range of 20 to 40 hertz; and
 - (4) an amplifier connecting the pulse circuit to the speaker, wherein the speaker develops an acoustic wave of a frequency corresponding to wing beat of a mosquito predator.
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21. The mosquito dispersing device of claim 20, wherein the pulse circuit comprises a monostable timer circuit.
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22. The mosquito dispersing device of claim 21, wherein the monostable timer circuit comprises an integrated time circuit connected to an RC circuit and resistance and capacitance of the RC circuit is selected to provide the select frequency.

23. A mosquito dispersing device comprising:

- a. means for generating a signal having a frequency of the mosquito dispersing pitch pattern having a frequency in the range of at least one of a wing beat frequency of a dragonfly and a wing beat frequency of a damselfly comprising a first printed circuit board,
5 said first printed circuit board having a ;
- b. means for amplifying the signal to power at least one speaker to produce vibrations of the mosquito dispersing pitch pattern in a dispersing area;

10 24. A mosquito dispersing device comprising:

- a. a housing;
- b. a speaker in said housing;
- c. in the housing, means for generating a pitch pattern signal comprising means for storing the pitch pattern signal and means for accessing the pitch pattern signal
15 stored on the means for storing,
said pitch pattern signal being in digital format of a select frequency in the range of 20 to 40 hertz and the means for storing being a digital storage medium;
- d. a converter in the housing for converting the pitch pattern signal from digital to analog; and

e. an amplifier connecting the means for generating a pitch pattern signal to the speaker, wherein the speaker develops an acoustic wave of a frequency corresponding to wing beat of a mosquito predator.

25. The mosquito dispersing device of claim 24, wherein digital storage medium comprises
5 one of Flash ROM, Smart Media, and compact flash.

26. A mosquito dispersing device comprising:

a. means for generating a signal having a frequency of a mosquito dispersing pitch pattern with a frequency in the range of at least one of a wing beat frequency of a dragonfly and a wing beat frequency of a damselfly comprising a first printed circuit board,

10 said first printed circuit board having a digital storage medium for storing the mosquito dispersing pitch pattern and a pre-amplifier for accessing the mosquito dispersing pitch pattern stored on the digital storage medium and producing an analog signal having the frequency of a mosquito dispersing pitch pattern;

b. means for amplifying the signal to power at least one speaker comprising a second printed circuit board,

15 said second printed circuit board comprising an amplifier circuit for amplifying the analog signal having the frequency of a mosquito dispersing pitch pattern to produce vibrations of the mosquito dispersing pitch pattern in a dispersing area.
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27. The mosquito dispersing device of claim 26, wherein the frequency of the mosquito dispersing pitch pattern is in the range of about 20 to 40 hertz.
 28. The mosquito dispersing device of claim 27, wherein the first printed circuit board further comprises an integrated sensor responsive to a remote control.
- 5 29. The mosquito dispersing device of claim 27, further comprising a power supply for powering the means for generating and the means for amplifying.
30. The mosquito dispersing device of claim 29, wherein the power supply comprises a battery.